



# 2003 Strip Plots

ISU Grain Quality Laboratory

## Results: Linn County Roundup Ready Soybean Strip Plot

Varieties are listed in order from highest to lowest yield.

Company	Variety	Yield <sup>1</sup> ( Bu. / A. )	Field Moisture <sup>2</sup> ( % )	Protein ( % )	Oil ( % )	Fiber ( % )	Sum (P+O) ( % )	EPVB <sup>3</sup> ( \$ / Bu. )
		<b>Long Term Iowa Averages:</b>		<b>35.0</b>	<b>18.5</b>	<b>5.0</b>	<b>53.5</b>	
Wilson	2960 RR	53.0	14.7	33.9	19.5	4.9	53.4	\$7.16
High Cycle	2282 RR	52.9	13.1	34.7	18.9	4.9	53.6	\$7.20
Thompson	T-7246 CR	52.2	11.5	34.6	19.3	4.9	53.9	\$7.24
Renk	RS-262 RR	52.0	11.9	35.2	19.9	4.7	55.1	\$7.41
Marks	0125 CTBRR	51.0	12.0	35.3	19.5	4.8	54.8	\$7.37
Asgrow	2403 RR	50.4	12.5	34.0	20.5	4.8	54.5	\$7.30
Ottillie	RO 8266 RRN	50.4	13.3	35.9	19.0	4.7	54.9	\$7.40
Henkel	6401 RR	50.4	15.1	34.4	20.2	4.8	54.6	\$7.32
Prairie Brand	2532 RR	50.1	11.4	34.0	20.0	4.8	54.0	\$7.23
Merschman	Chickasaw VII RR	49.9	12.5	36.3	18.5	4.7	54.8	\$7.40
Dairyland	221 RR	49.7	12.7	35.6	19.2	4.7	54.8	\$7.38
Marks	0227 RR	49.7	12.3	34.4	18.9	4.9	53.3	\$7.16
NC+	3A11 RR	49.6	13.2	33.3	19.9	5.0	53.2	\$7.11
Profiseed	PS 4254 RR	49.4	11.6	35.5	18.8	4.8	54.3	\$7.32
Renk	RS-272 RR	49.3	12.6	35.1	19.9	4.8	55.0	\$7.39
LG Seed	C 2991 RR	48.7	12.1	35.7	18.9	4.8	54.6	\$7.36
Henkel	8503 RR	48.6	14.9	35.4	19.0	4.8	54.4	\$7.32
Pioneer	92M80 RR	48.6	12.4	35.0	19.5	4.8	54.5	\$7.33
Pioneer	93B09 RR	48.4	11.6	34.2	20.3	4.7	54.5	\$7.30
Prairie Brand	3252 RR	48.1	12.6	34.7	20.1	4.7	54.8	\$7.36
Croplan Genetics	RT 2505 RR	48.0	12.5	33.8	19.6	4.9	53.4	\$7.15
Stine	2783-4 RR	48.0	12.5	35.6	19.3	4.7	54.9	\$7.39
Profiseed	PS 427 CNRR	48.0	13.3	36.2	18.6	4.7	54.8	\$7.40
Golden Harvest	2531 RR	47.9	10.2	34.1	19.0	4.9	53.1	\$7.12
Garst	2332 RR	47.8	12.8	35.7	18.9	4.8	54.6	\$7.36
Crows	2506 RR	47.7	11.6	35.4	18.8	4.8	54.2	\$7.30
Hobart	Excel 8235 RR	47.5	11.6	35.5	19.3	4.8	54.8	\$7.38
New Horizon FS	2815 RR	47.2	12.6	34.3	19.0	4.9	53.3	\$7.15
Dairyland	268 RR	47.2	13.8	35.5	19.0	4.9	54.5	\$7.34
Hobart	Excel 8274 RR	47.0	12.1	35.3	19.2	4.8	54.5	\$7.33
Garst	2903 RR	46.9	13.2	34.8	19.3	4.8	54.1	\$7.27
Merschman	Apache VIII RR	46.8	11.3	34.8	19.0	4.9	53.8	\$7.23
Stine	2640-4 RR	46.7	13.0	34.8	19.1	4.9	53.9	\$7.24
New Horizon FS	2725 RR	46.6	11.9	35.2	19.3	4.8	54.5	\$7.33
Wilson	3163 RR	46.5	14.9	34.9	18.8	4.9	53.7	\$7.22
Golden Harvest	33003 RR	46.3	12.3	34.8	19.4	4.8	54.2	\$7.28
Dekalb	DKB 25-51 RR	45.8	12.4	33.3	20.4	4.9	53.7	\$7.18
High Cycle	2262 RR	45.7	12.7	34.4	19.9	4.8	54.3	\$7.28
Naylor	Excel 8254 RR	45.6	12.7	35.4	19.6	4.7	55.0	\$7.40
Sengenta	S 28-W2 RR	45.3	12.9	33.5	20.1	4.9	53.6	\$7.17
Crows	3115 RR	45.2	12.4	35.4	18.8	4.8	54.2	\$7.30
Ottillie	RO 8280 RR	45.0	11.6	34.0	19.6	4.8	53.6	\$7.18
Sengenta	S 24-K4 RR	44.7	11.7	34.4	19.9	4.9	54.3	\$7.28
Naylor	Excel 8200 RR	44.4	11.4	35.5	19.1	4.7	54.6	\$7.35
Thompson	T-7284 RR	44.3	11.6	34.3	19.6	4.8	53.9	\$7.23
NC+	2A98 RR	43.8	12.5	33.4	19.8	4.9	53.2	\$7.12
Croplan Genetics	RT 2822 RR	43.5	12.0	33.5	19.9	4.9	53.4	\$7.14
LG Seed	C 3033 RR	43.2	13.0	36.2	18.8	4.8	55.0	\$7.42

Check Variety Information: (average values for check strips)

Henkel	SS 8201 RR	46.0	13.0	35.1	19.2	4.9	54.3	\$7.31
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<b>Averages<sup>4</sup></b>	47.8	12.5	34.8	19.4	4.8	54.2	\$7.28
<b>Standard Deviation<sup>4</sup></b>	2.4	1.0	0.8	0.5	0.1	0.6	\$0.09
<b>Maximum<sup>4</sup></b>	53.0	15.1	36.3	20.5	5.0	55.1	\$7.42
<b>Minimum<sup>4</sup></b>	43.2	10.2	33.3	18.5	4.7	53.1	\$7.11

### YIELD, PROTEIN, OIL, FIBER, SUM BASIS 13% MOISTURE.

<sup>1</sup> Yield is check-adjusted in plots with check strips.

<sup>2</sup> Field moisture content data were provided by the participating plot operator.

<sup>3</sup> EPVB is the Estimated Processed Value per Bushel to be used for Feed. It is determined by soybean protein and oil content and the current market price for oil, meal, and hulls.

<sup>4</sup> Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

### Ingredient Prices for EPVB

Soybeans (\$ / bu.)	6.70
48% Soy Meal (\$ / ton)	205
Soy Oil (\$ / lb.)	0.21
Millfeed (\$ / lb.)	0.05